

App. Serial No.: 10/614,606
Atty. Docket No.: P-2415
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IN THE CLAIMS

Please amend the claims as follows:

1. (original) A pointing device control method for mapping a pointing device to a plurality of displays, comprising:
mapping the pointing device to a first one of the displays;
detecting a position indicated by the pointing device;
determining if the position indicated by the pointing device is a position that corresponds to another one of the displays; and
remapping the pointing device to the other one of the displays.
2. (original) The pointing device control method of claim 1, wherein the position corresponding to the other display is near an edge.
3. (original) The pointing device control method of claim 2, wherein the edge is an edge of a graphics tablet.
4. (original) The pointing device control method of claim 2, wherein the edge is an edge of an active display.
5. (original) The pointing device control method of claim 1, wherein the pointing device is an absolute pointing device.
6. (original) The pointing device control method of claim 1, wherein the pointing device includes a graphics tablet.
7. (original) The pointing device control method of claim 1, wherein the pointing device includes a stylus.

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8. (original) The pointing device control method of claim 1, wherein remapping the pointing device includes changing which of the plurality of displays is controlled by the pointing device.

9. (original) The pointing device control method of claim 1, and further including a preliminary step of defining the width of a proximity zone near an edge to establish the position corresponding to the other monitor.

10. (original) The pointing device control method of claim 1, and further including a preliminary step of identifying and storing the relative positions each of the plurality of displays.

11. (original) The pointing device control method of claim 1, and further including:
a preliminary step of recording the existence or nonexistence of a display on the left of each of the plurality of displays; and
a preliminary step of recording the existence or nonexistence of a display on the right of each of the plurality of displays.

12. (original) The pointing device control method of claim 1, and further including determining how long the pointing device has indicated the position corresponding to the other one of the displays.

13. (original) The pointing device control method of claim 1, and further including:
a preliminary step of setting an elapsed time which the pointing device must remain indicating a position near an edge before the pointing device is remapped.

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14. (original) The pointing device control method of claim 1, wherein the step of determining if the position indicated by the pointing device is a position that corresponds to another one of the displays includes:

determining which of the plurality of displays is an active display;

determining whether the pointing device is indicating a position near a specific edge;

and

determining if there is a display in a direction indicated by the specific edge.

15. (original) The pointing device control method of claim 1, wherein:

the position indicated by the pointing device is a left edge.

16. (currently amended) An electronically readable ~~media~~ storage medium having code embodied therein for causing an electronic device to ~~facilitate the steps of~~ perform the method of Claim 1.

17. (currently amended) An electronically readable ~~media~~ storage medium having code embodied therein for causing an electronic device to ~~facilitate the steps of~~ perform the method of Claim 2.

18. (currently amended) An electronically readable ~~media~~ storage medium having code embodied therein for causing an electronic device to ~~facilitate the steps of~~ perform the method of Claim 3.

19. (currently amended) An electronically readable ~~media~~ storage medium having code embodied therein for causing an electronic device to ~~facilitate the steps of~~ perform the method of Claim 4.

20. (currently amended) An electronically readable ~~media~~ storage medium having code embodied therein for causing an electronic device to ~~facilitate the steps of~~ perform the method of Claim 5.

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21. (currently amended) An electronically readable ~~media~~ storage medium having code embodied therein for causing an electronic device to ~~facilitate the steps of~~ perform the method of Claim 6.

22. (currently amended) An electronically readable ~~media~~ storage medium having code embodied therein for causing an electronic device to ~~facilitate the steps of~~ perform the method of Claim 7.

23. (currently amended) An electronically readable ~~media~~ storage medium having code embodied therein for causing an electronic device to ~~facilitate the steps of~~ perform the method of Claim 8.

24. (currently amended) An electronically readable ~~media~~ storage medium having code embodied therein for causing an electronic device to ~~facilitate the steps of~~ perform the method of Claim 9.

25. (currently amended) An electronically readable ~~media~~ storage medium having code embodied therein for causing an electronic device to ~~facilitate the steps of~~ perform the method of Claim 10.

26. (currently amended) An electronically readable ~~media~~ storage medium having code embodied therein for causing an electronic device to ~~facilitate the steps of~~ perform the method of Claim 11.

27. (currently amended) An electronically readable ~~media~~ storage medium having code embodied therein for causing an electronic device to ~~facilitate the steps of~~ perform the method of Claim 12.

28. (currently amended) An electronically readable ~~media~~ storage medium having code embodied therein for causing an electronic device to ~~facilitate the steps of~~ perform the method of Claim 13.

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29. (currently amended) An electronically readable ~~media~~ storage medium having code embodied therein for causing an electronic device to ~~facilitate the steps of~~ perform the method of Claim 14.

30. (currently amended) An electronically readable ~~media~~ storage medium having code embodied therein for causing an electronic device to ~~facilitate the steps of~~ perform the method of Claim 15.

31. (original) A computer-readable medium having stored thereon a data structure comprising:

- a position field containing data representing a position for triggering a process for remapping a pointing device to another display; and
- a position field containing data representing the position of the pointing device.

32. (original) The computer-readable medium of claim 31, wherein the position field contains data representing the width of an area near an edge.

33. (original) The computer-readable medium of claim 32, wherein:
the pointing device includes a graphics tablet and a stylus; and
the edge is an edge of the graphics tablet.

34. (original) The computer-readable medium of claim 31, and further including a preset time field containing data representing an activation time period.

35. (original) The computer-readable medium of claim 31, and further including an elapsed time field containing data representing an elapsed time.

36. (original) The computer-readable medium of claim 35, wherein the elapsed time is a time which a pointing device has remained in a designated zone.

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37. (original) The computer-readable medium of claim 31, and further including an adjacent monitor field containing data representing the presence of a display adjacent an active monitor.

38. (original) A graphics display system comprising:

- a plurality of displays;
- a pointing device;
- a position monitor; and
- a remapper responsive to output from said position monitor, and operative to automatically remap the pointing device from one of the displays to another one of the displays.

39. (original) A graphics display system comprising:

- a plurality of displays;
- a pointing device; and
- means for automatically remapping the pointing device from one of the displays to another one of the displays.

40. (original) A method for mapping a pointing device to multiple displays, said method comprising:

- mapping the pointing device to a first display; and
- automatically remapping the pointing device to a second display.

41. (original) The method of claim 40, wherein the step of automatically remapping the pointing device to the second display includes:

- receiving a predefined input via the pointing device indicative of a user's desire to use the second display; and
- remapping the pointing device to the second display responsive to receipt of the predefined input.

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42. (currently amended) A computer-readable medium having stored thereon a data structure comprising:

a first field containing data indicative of a particular display; and

a second field containing data indicative of said particular display's position relative to a second display; and

wherein said data contained in said second field is further indicative of a location for triggering a process for remapping a pointing device between said second display and said particular display.

43. (original) A computer-readable medium according to Claim 42, wherein: said second field contains perimeter coordinates associated with a display area of said particular display.

44. (original) A computer-readable medium according to Claim 42, wherein said second field contains data indicative of the position of a boundary between said particular display and said second display.

45. (original) A computer-readable medium according to Claim 44, wherein said data structure further comprises a third field containing data indicative of said second display.